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FROM: Gregory P. Einhorn - Reg No. 38,440

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Comments:

Attorney Docket:

564462001620

Group Art Unit:

1652

Examiner:

R. Hutson 09/656,309

Serial No.:

September 6, 2000

Filing Date: Inventor(s):

Walter CALLEN et al.

Title:

ENZYMES HAVING HIGH TEMPERATURE POLYMERASE

ACTIVITY AND METHODS OF USE THEREOF

Papers attached:

1. Transmittal (1 page)

2. Amendment in response to Office Action dated March 24, 2005 (5 pages)

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SD-256383

PAGE 1/7 * RCVD AT 4/22/2005 4:24:28 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/5 * DNIS:8729306 * CSID:18587205125 * DURATION (mm-ss):02-14

PTO/SB/21 (09-04) Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Application Number 09/656,309 Filing Date **TRANSMITTAL** September 6, 2000 First Named Inventor Walter CALLEN **FORM** Art Unit 1652 (to be used for all correspondence after initial filing) Examiner Name R. Hutson Attorney Docket Number 564462001620 7 Total Number of Pages in This Submission ENCLOSURES (Check all that apply) After Allowance Communication Fee Transmittal Form Drawing(s) Appeal Communication to Board of Licensing-related Papers Fee Attached Appeals and Interferences Appeal Communication to TC Petition x Amendment/Reply (5 pages) (Appeal Notice, Brief, Reply Brief) Petition to Convert to a Proprietary Information After Final Provisional Application Power of Attorney, Revocation Status Letter Affidavits/declaration(6) Change of Correspondence Address Other Enclosure(s) (please Terminal Disclalmer Extension of Time Request Identify below): Fax Cover Sheet (1 page) Request for Refund Express Abandonment Request CD, Number of CD(s) Information Disclosure Statement Certified Copy of Priority Landscape Table on CD Document(s) Reply to Missing Parts/ Remarks Incomplete Application Reply to Missing Parts under Customer No. 45975 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT AT PORNEY, OR AGENT Firm Name MORRISON FOERSTER Signature Printed name Gregory P. Einhorn

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| Ī | I hereby certify that this co no. (703) 872-9308, on the | respondence is being to date shown below. | facsimile transmitte | ed to MS Amendmant, | the Patent and Trac | demark Office, facsimile |
| l | Dated: April 22, 2005 | | | vee o | iorman Green) | |

Reg. No.

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Date

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Dated: April 22, 2005

Signature: Vaturation of (Norman Green)

- Docket No.: 564462001620 / 027003 / D1350-2US (PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Walter CALLEN et al.

Application No.: 09/656,309

Confirmation No.: 9418

Filed: September 6, 2000

Art Unit: 1652

For: ENZYMES HAVING HIGH TEMPERATURE

POLYMERASE ACTIVITY AND METHODS

OF USE THEREOF

Examiner: Richard G. Hutson, Ph.D.

AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

Responsive to the Non-final Office Action mailed March 24, 2005, Applicants respectfully request entry of the amendments and consideration of the remarks set forth herein. The initial due date to respond is June 24 2005. Accordingly, this Response is timely filed. Reconsideration is respectfully requested.

Amendments to the claims are reflected in the listing of claims which begin on page 2 of this paper.

Remarks begin on page 4 of this paper.

The following documents are also enclosed herewith:

- Transmittal letter, facsimile cover sheet.

sd-256372